

FOIEU-0257660

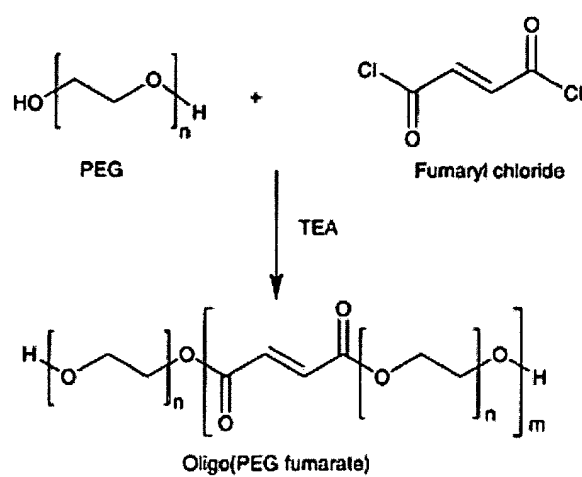


FIG. 1

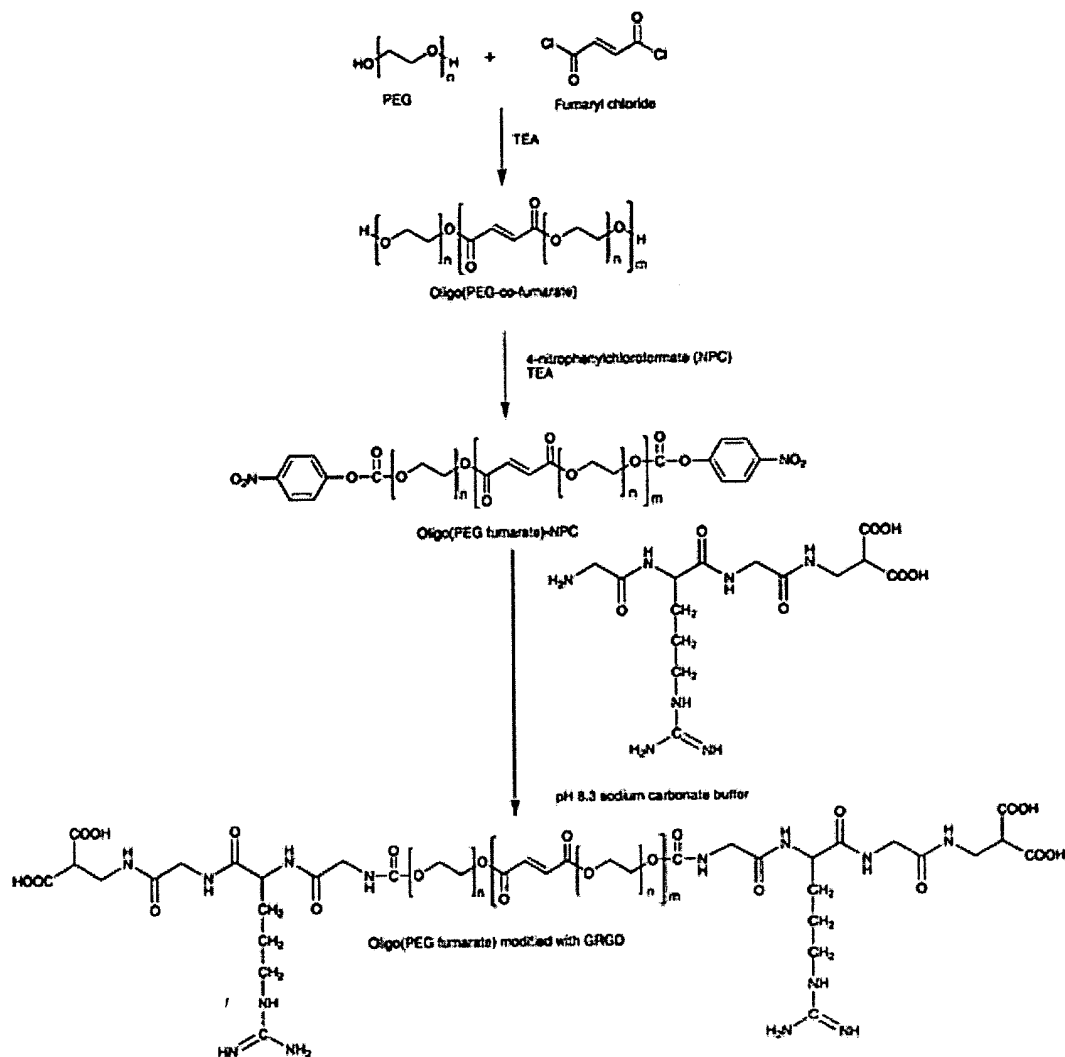


FIG. 2

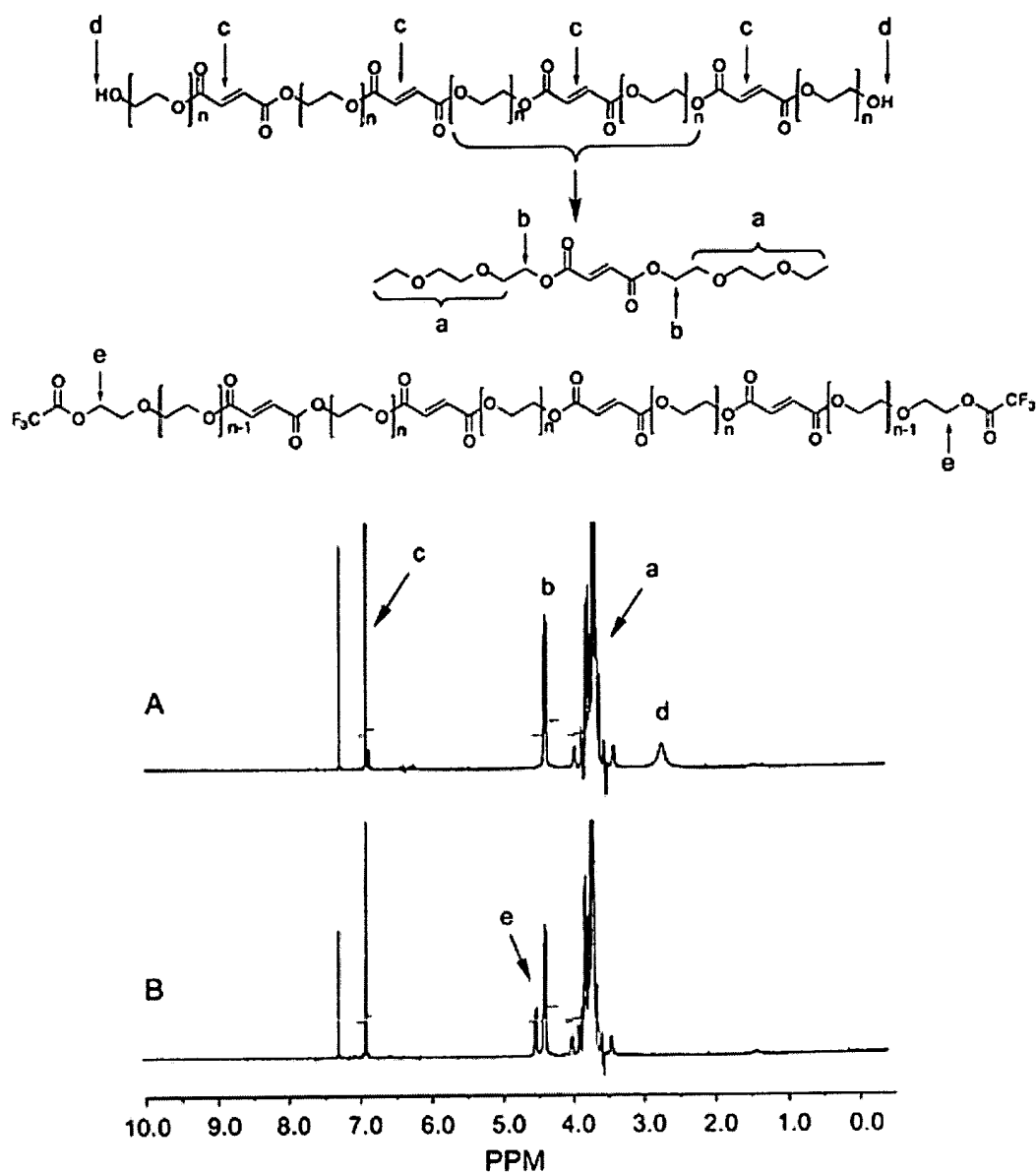


FIG. 3

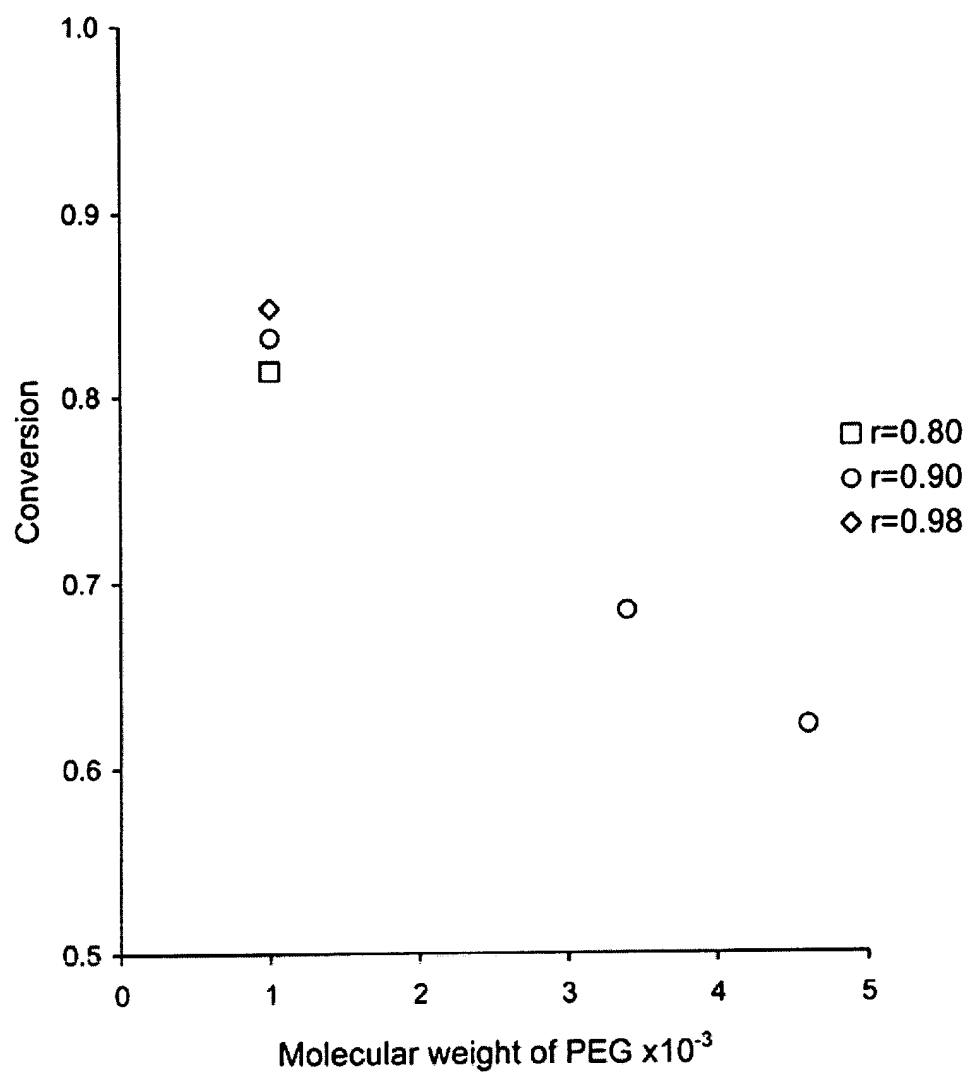


FIG. 4

09845570.043001

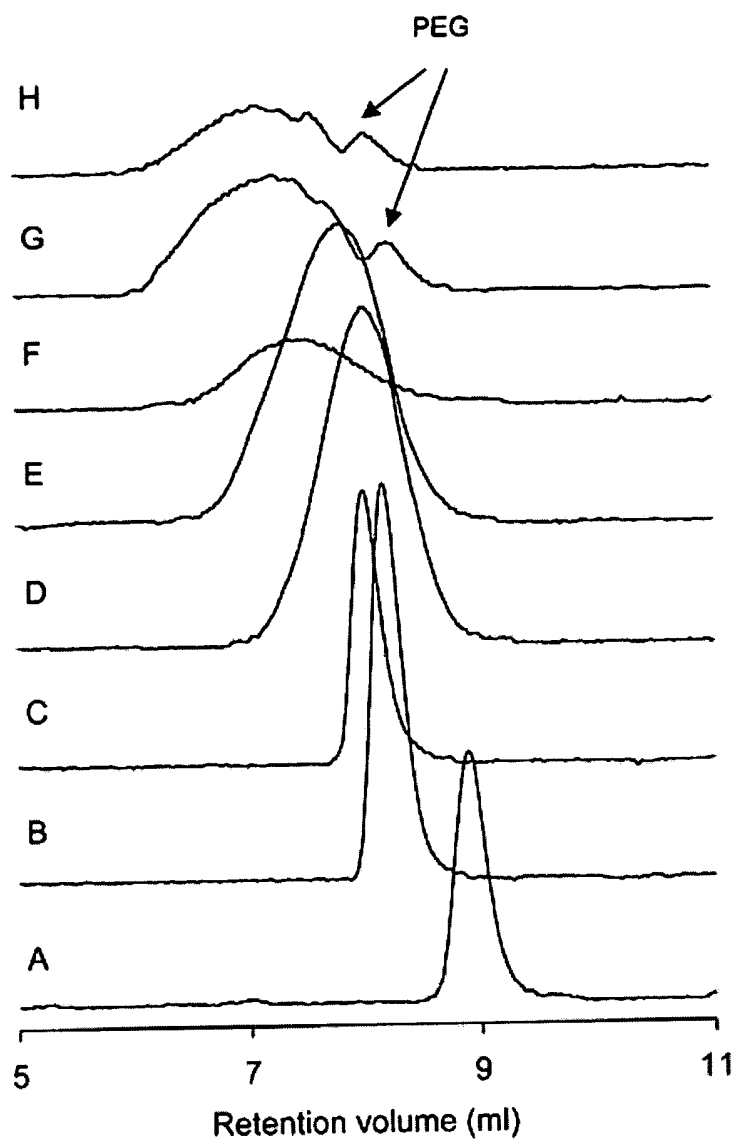


FIG. 5

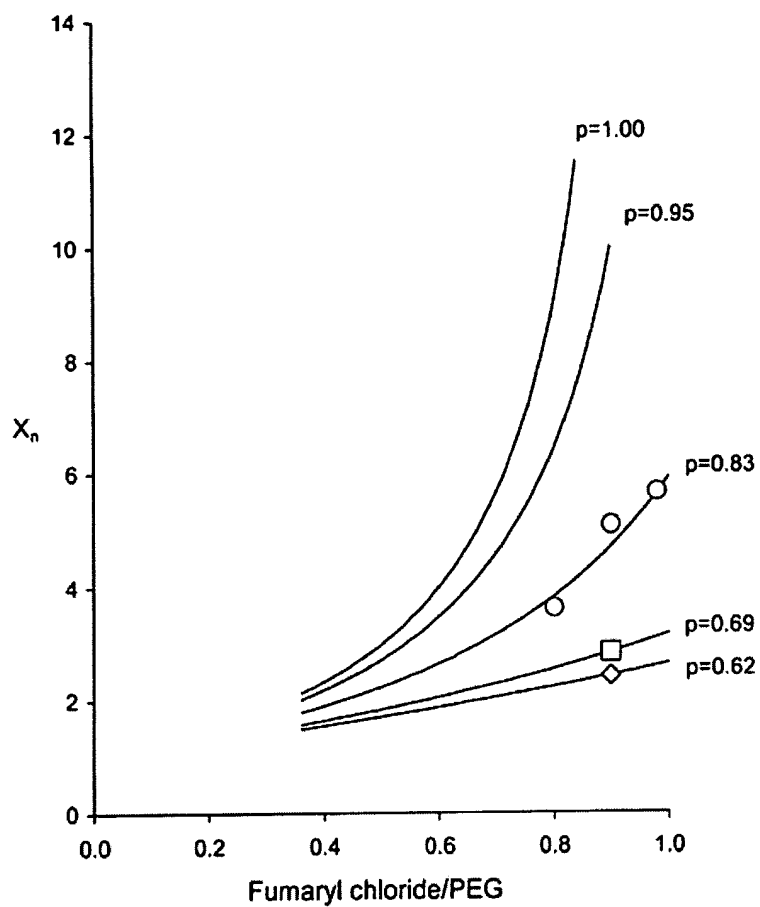


FIG. 6

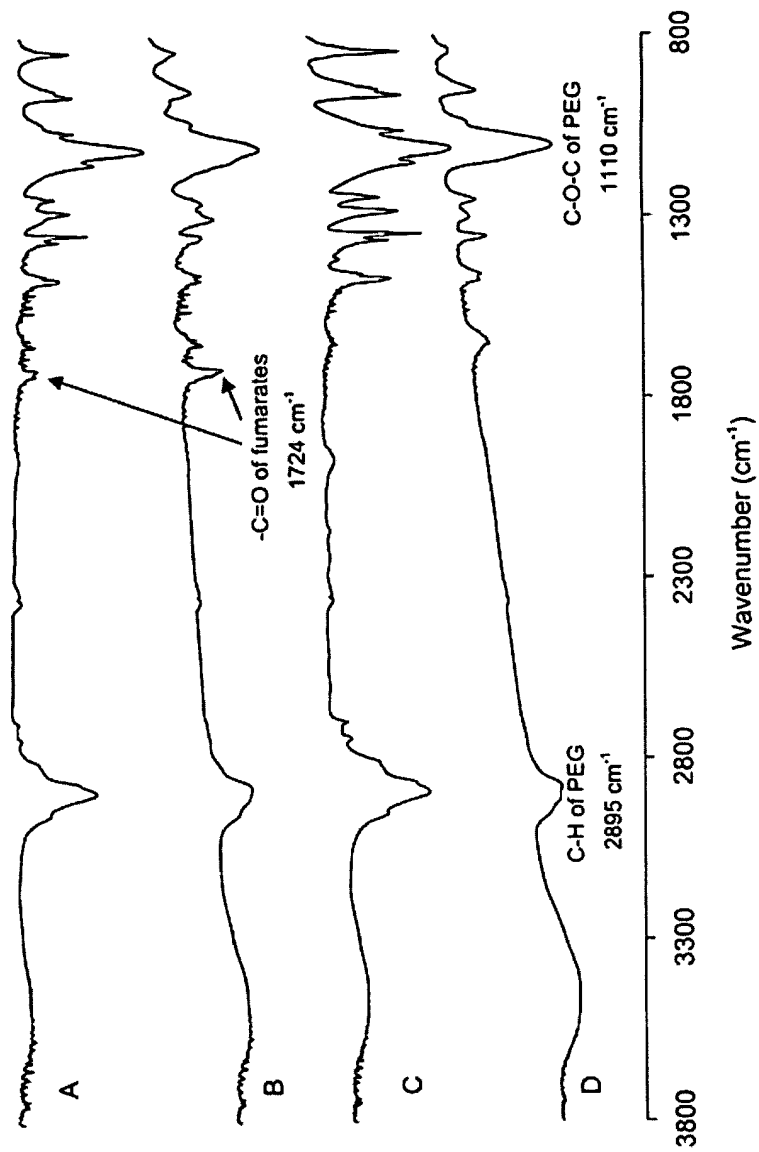


FIG. 7

TOEHO-04551060

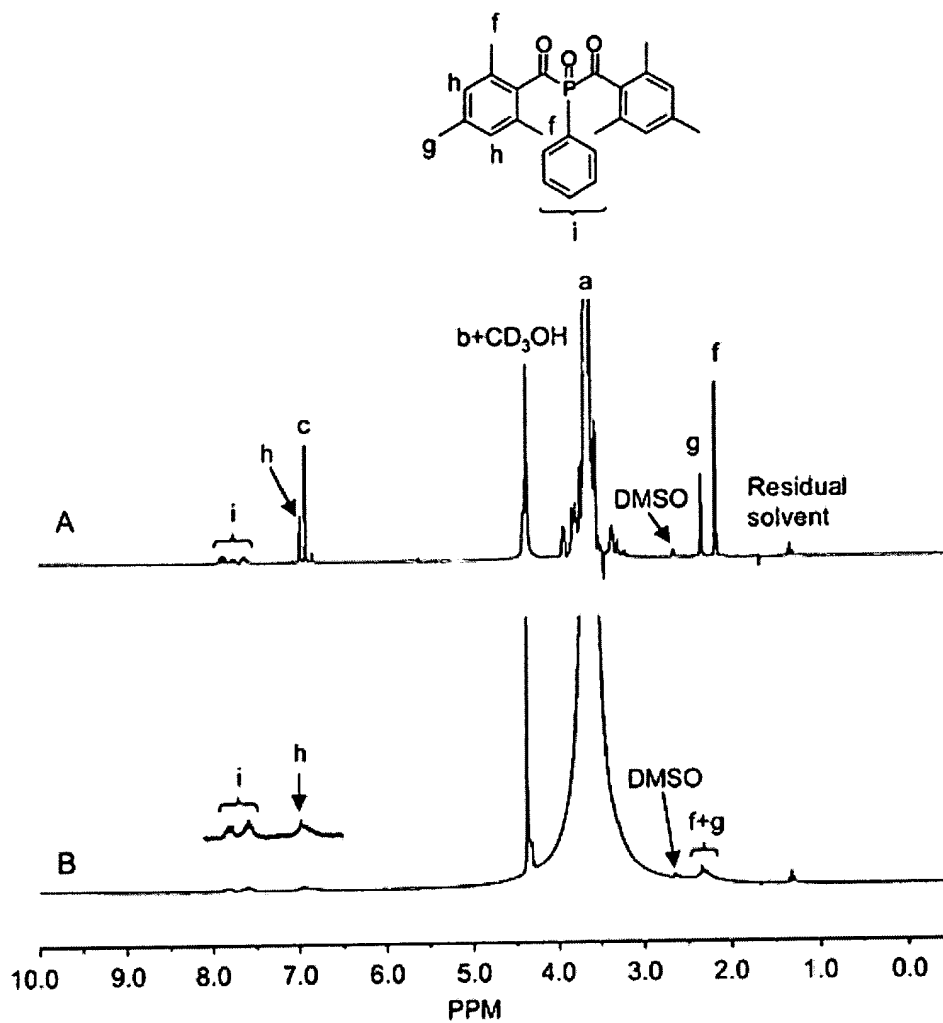


FIG. 8



004550-043001

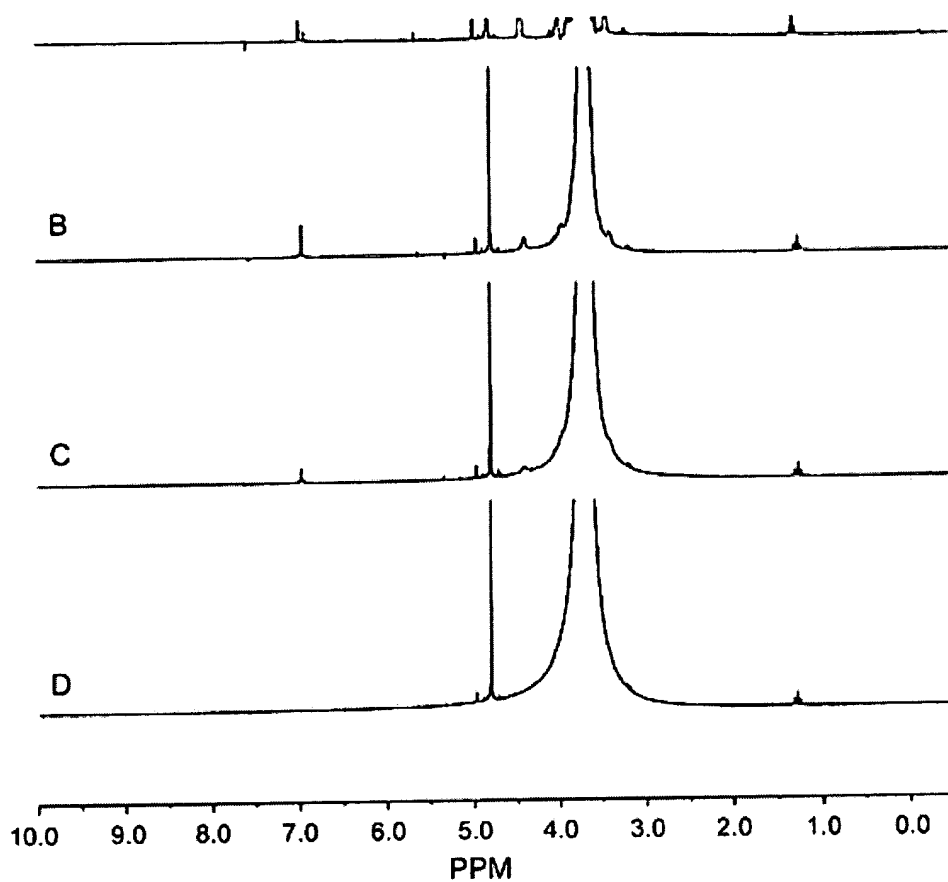


FIG. 9

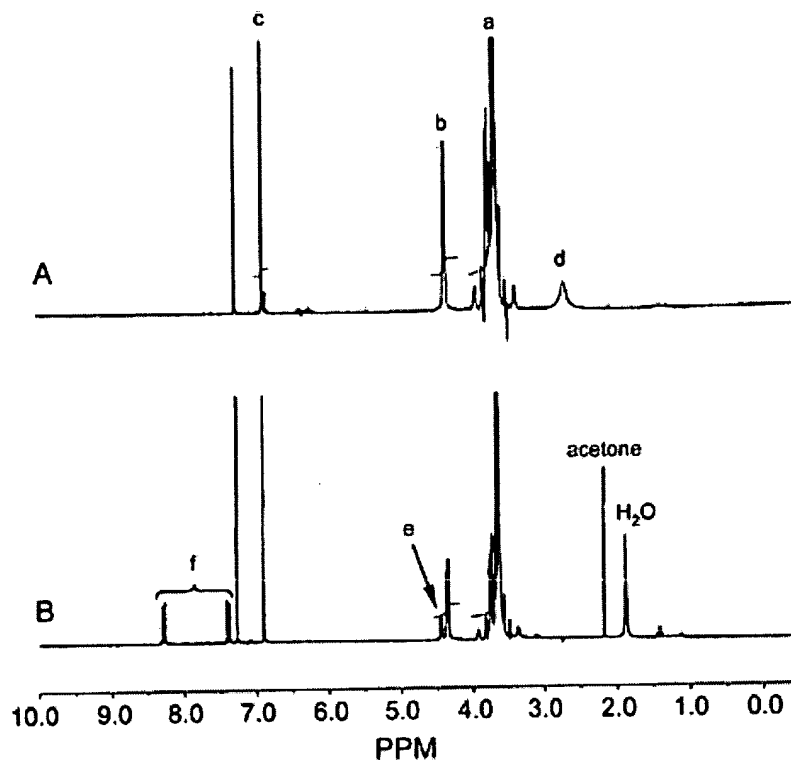
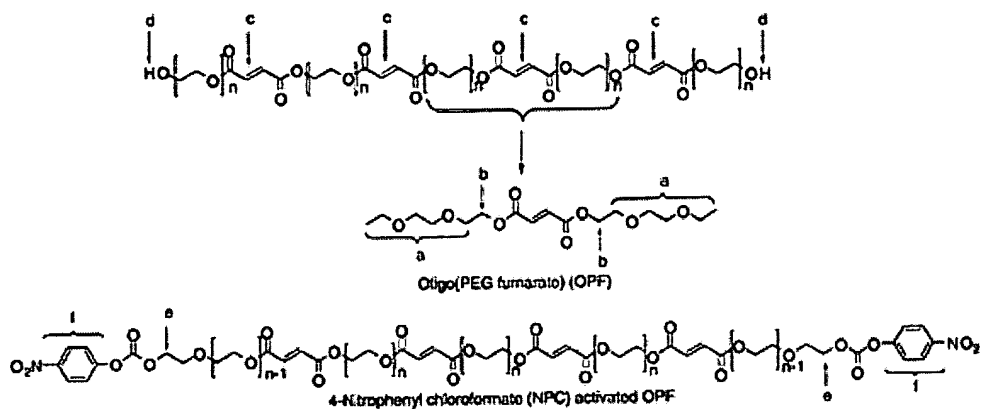


FIG. 10

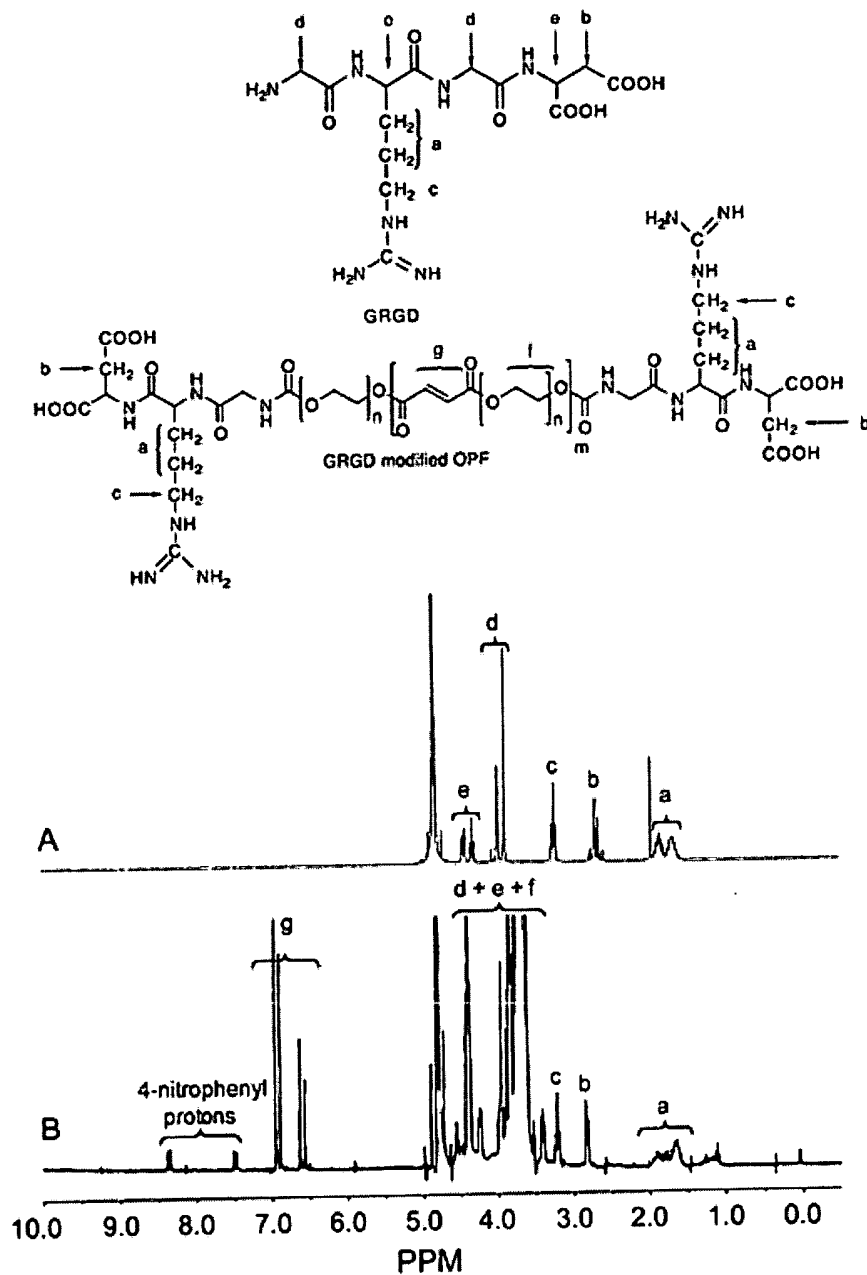


FIG. 11

The figure displays four infrared (IR) spectra, labeled A, B, C, and D, stacked vertically. The x-axis represents the Wavenumber ( $\text{cm}^{-1}$ ) from 2000 to 1400. Spectrum A shows the original compound. Spectrum B shows the formation of a new peak at  $1730 \text{ cm}^{-1}$  (C=O of fumarate). Spectrum C shows the formation of a new peak at  $1770 \text{ cm}^{-1}$  (C=O of carbonate) and the disappearance of the aromatic  $\text{NO}_2$  peak at  $1530 \text{ cm}^{-1}$ . Spectrum D shows the final product with a strong peak at  $1770 \text{ cm}^{-1}$ .

FIG. 12

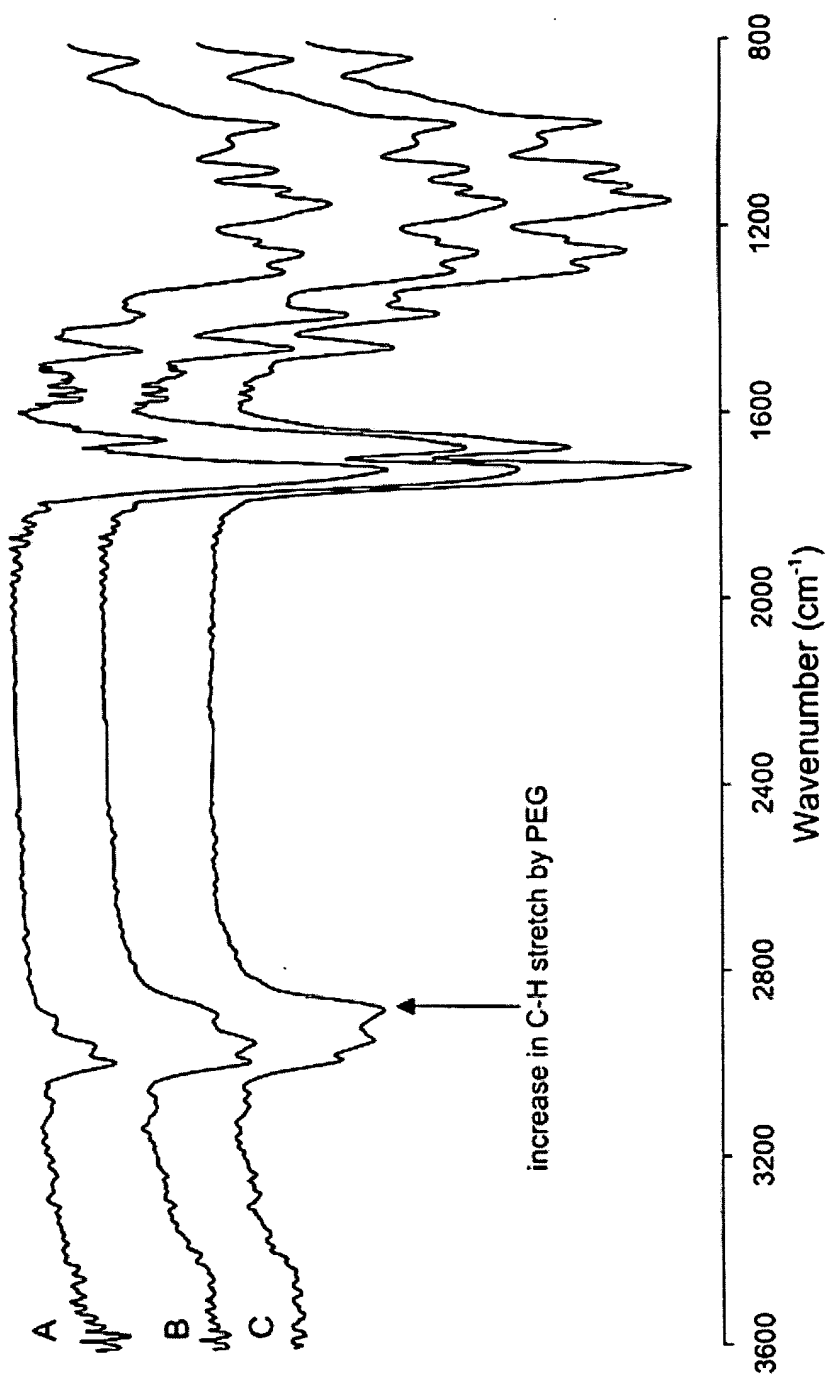


FIG. 13

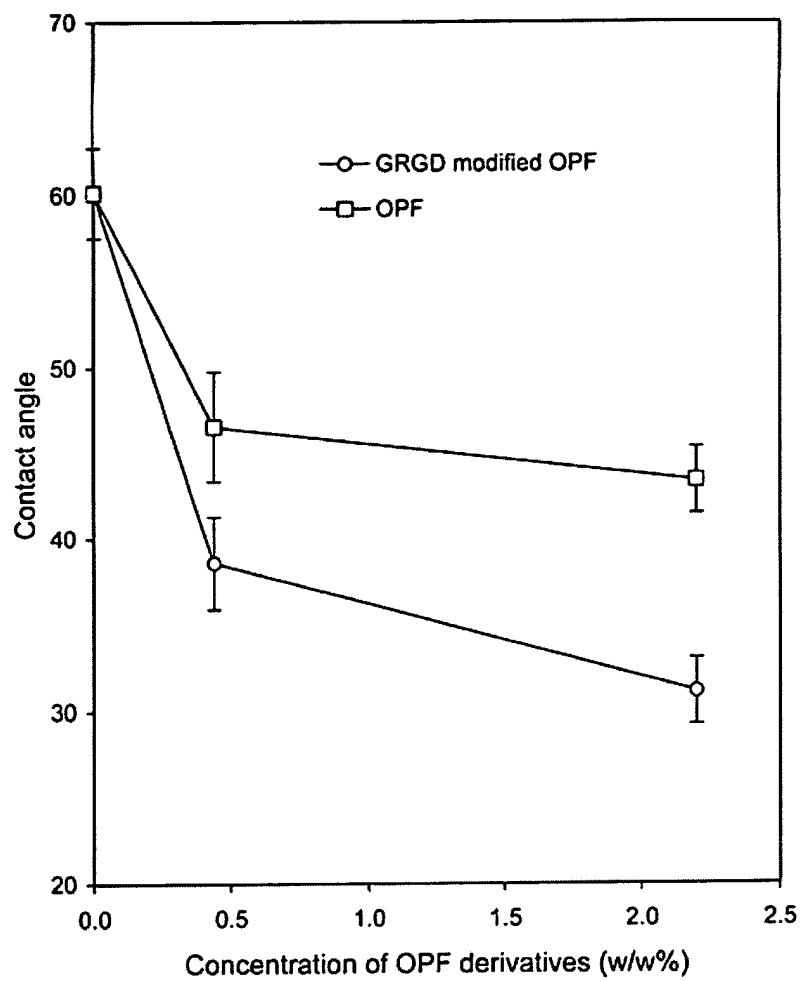


FIG. 14